



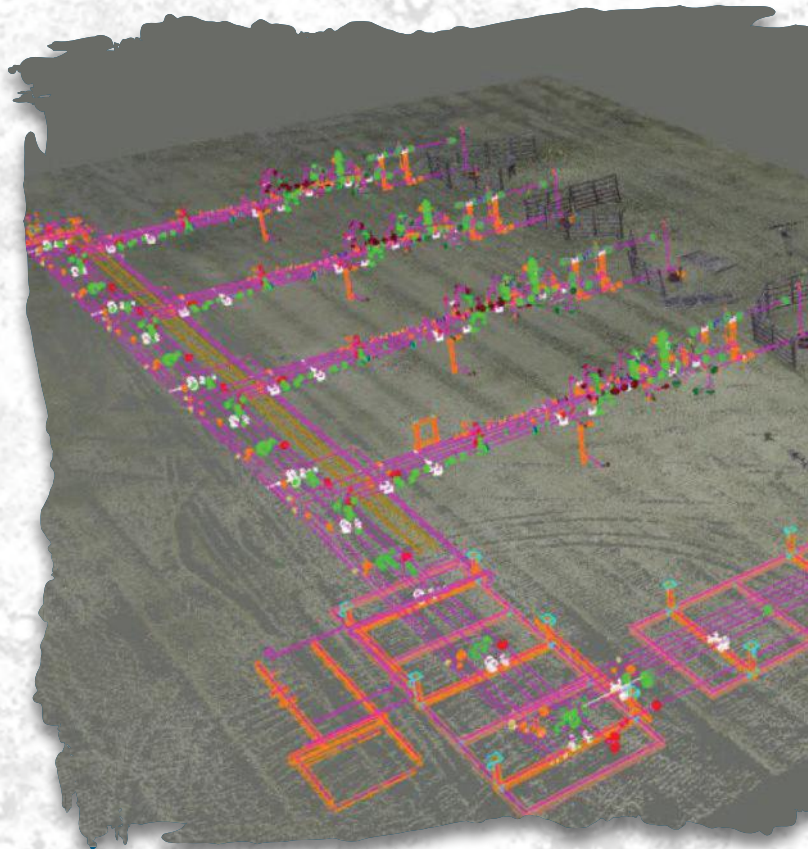
3D SCANNING TECHNOLOGY

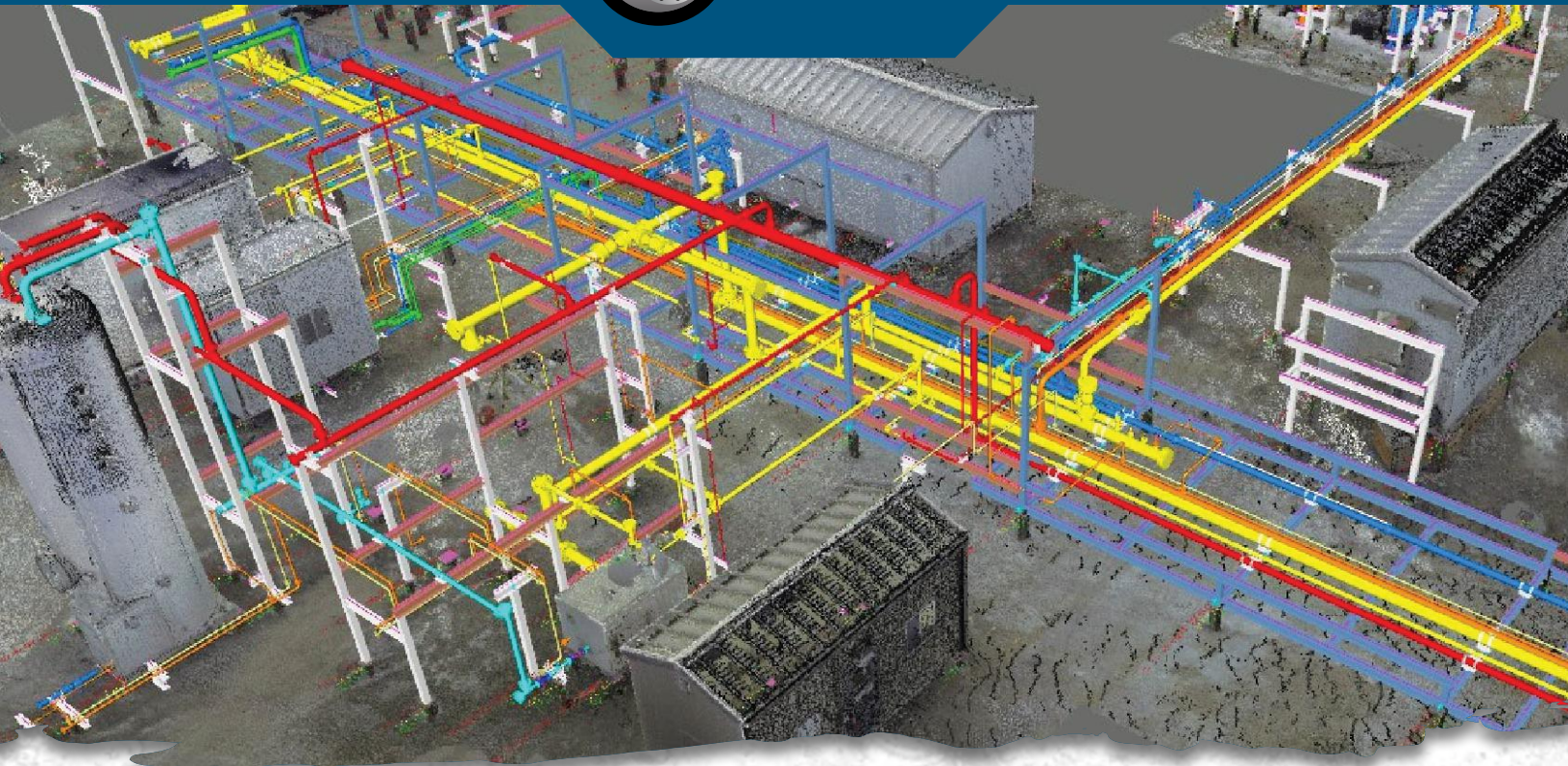
MORE THAN JUST A MECHANICAL CONTRACTOR, WE ARE CONSTRUCTION AND PROJECT SUPPORT

From gathering vendor data or assisting with design and layouts in conjunction with your engineering house our construction expertise is at your disposal.

No two projects are the same, strategies can be tailored to suit each specific project. From additions to existing facilities or a brand-new build, we can offer an efficient approach.

Accuracy is the mother of all efficiency. Transferring accuracy from the 3D design world into real world and back again with speed is our specialty. Since incorporating scanning and 3D modelling capabilities our business and our clients have benefited immensely.





WHY WE SCAN

SPEED & ACCURACY.

The sheer volume of precise information gathered in a half day of scanning cannot be replicated by tape measure and paper. Scan data is +/- 1 millimeter and captures everything.

The Inked advantage comes from being involved in the entire process. From initial scan to pinning the piles and the physical placement of equipment, we are able to understand and detect the common discrepancies that can be lost in traditional approaches.

WHEN TO SCAN

We can help determine the best way to maximize the benefit and timing of scanning your assets.

- » Brownfield Projects
- » Update Model
- » Locate tie-in points
- » Complex tie-ins Angled or skewed
- » Capture MOC projects
- » Verify vendor package dimensions
- » Site As-Build



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WHAT DO WE DO WITH IT?

We make sure it fits and it works! Its more than just a dimensional verification, its also all the small adjustments needed to facilitate construction:

- » Ease of construction
- » Crane and construction equipment access
- » Space to access rotating equipment
- » Adjusting flange locations for shipping / assembly
- » Spool configurations for internal coating
- » Module sizes to suit local limitations
- » Scope split shop vs field

Small project with no design yet? We can create a model and give real options quickly. Especially helpful in Brownfield (pre-existing facilities) when there can be a lot of unknowns.

Large project ready to construct? We verify vendor equipment to ensure connection to pipe racks and balance of plant.

TRANSFERRING IT BACK TO THE REAL WORLD

We have learned all the ins and outs on exporting data back and forth between the different types of survey equipment needed for construction. As well as reconnecting that survey equipment the same way each and every time using special targets on-site. We have developed our processes to ensure a level of accuracy that is repeatable and beyond industry norms.

